



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX FOR ACTIVE INGREDIENT

Date February 6, 2018		EPA Reg. No./File Symbol 33025-A		Page 1 of 3	
Applicant's/Registrant's Name & Address: Lamplight Farms Inc, 4900 North Lilly Road, Menomonee Falls, WI 53051		Product CLEANBURN			
Ingredient(s): Oil of citronella (PC code 021901)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Product Chemistry					
880.1100	Product Identity & Composition	48649701	Lamplight Farms (33025)		
880.1200	Description of starting materials, production & formulation process used to produce product	48649701	Lamplight Farms (33025)		
880.1400	Discussion of formation of impurities	48649701	Lamplight Farms (33025)		
830.1700	Preliminary analysis	48649702	Lamplight Farms (33025)		
830.1750	Certified Limits	41785703	Candle Corp (009201)	OLD	(1)
830.1800	Enforcement analytical method	48649702	Lamplight Farms (33025)		
830.6302	Color	41785703	Candle Corp (009201)	OLD	(1)
830.6303	Physical State	41785703	Candle Corp (009201)	OLD	(1)
830.6304	Odor	41785703	Candle Corp (009201)	OLD	(1)
830.6313	Stability	41785703	Candle Corp (009201)	OLD	(1)
830.6315	Flammability	41785703	Candle Corp (009201)	OLD	(1)
830.6317	Storage Stability	41785703	Candle Corp (009201)	OLD	(1)
830.6319	Miscibility	41785703	Candle Corp (009201)	OLD	(1)
830.6320	Corrosion Characteristics	41785703	Candle Corp (009201)	OLD	(1)
830.7000	pH	41785703	Candle Corp (009201)	OLD	(1)
830.7100	Viscosity	41785703	Candle Corp (009201)	OLD	(1)
830.7200	Melting point	41785703	Candle Corp (009201)	OLD	(1)
830.7220	Boiling point	41785703	Candle Corp (009201)	OLD	(1)
830.7300	Density	41785703	Candle Corp (009201)	OLD	(1)
830.7520	Particle Size	N/A			(2)
830.7550-830.7570	Partition coefficient	N/A			(3)
830.7840	Water solubility	41785703	Candle Corp (009201)	OLD	(1)
830.7950	Vapor Pressure	41785703	Candle Corp (009201)	OLD	(1)

Signature <i>Georgia Anastasiou</i>	Name and Title: Georgia Anastasiou, Agent for Lamplight Farms Inc.	Date February 6, 2018
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Applicant's/Registrant's Name & Address: Lamplight Farms Inc, 4900 North Lilly Road, Menomonee Falls, WI 53051	Product CLEANBURN	

Ingredient(s): Oil of citronella (PC code 021901)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
TOXICOLOGY					
870.1100	Acute Oral Toxicity	41747402 43179401	Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	(1) (1)
870.1200	Acute Dermal Toxicity	41747403 43167101	Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	(1) (1)
870.1300	Acute Inhalation Toxicity	41747404 43167102	Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	(1) (1)
870.2400	Primary Eye Irritation	41747405 43167103	Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	(1) (1)
870.2500	Primary Dermal Irritation	41747406 43167104	Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	(1) (1)
870.2600	Dermal Sensitization	41747407 43167105	Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	(1) (1)
	Hypersensitivity				Not Applicable
870.5385/870.5895	Microbial mutagenicity	41786701 41785702 41747408	Citronella Joint Venture (67736) Citronella Joint Venture (67736) Candle Corp (009201)	OLD OLD OLD	(1)
870.3550	Immunotoxicity	50521401	Lamplight Farms (33025)		
870.3100	90-Day oral toxicity	50521402	Lamplight Farms (33025)		
870.3250	90-Day dermal toxicity	50521403	Lamplight Farms (33025)		
870.3465	90-Day inhalation toxicity	50521404	Lamplight Farms (33025)		
870.3700	Prenatal Development	50521405	Lamplight Farms (33025)		

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ECOLOGICAL EFFECTS					
850.2100	Acute Avian Oral	41747409	Candle Corp (009201)	OLD	(1)
850.2200	Avian Dietary Toxicity	50521406	Lamplight Farms (33025)	-	
154B-8	Fish toxicity	41747410	Candle Corp (009201)	OLD	(1)
154B-9	Invertebrate Toxicity	41747411	Candle Corp (009201)	OLD	(1)
850.4100	Seedling emergence	50521407	Lamplight Farms (33025)		
850.4250	Vegetative vigor	50521408	Lamplight Farms (33025)		
880.4350	Nontarget insects	50521409	Lamplight Farms (33025)	-	
ENVIRONMENTAL FATE					
					Non-Applicable

FOOTNOTES

1. Per pages 27-28 of the Oil of Citronella RED, these generic data requirements have been fulfilled.
2. The dissociation constant data requirement is not applicable since citronella does not have any dissociable groups.
3. The partition coefficient data requirement is not applicable since citronella is not a non-polar organic substance.

Signature <i>Georgia Anastasiou</i>	Name and Title: Georgia Anastasiou, Agent for Lamplight Farms Inc.	Date February 6, 2018
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